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Datasheet for ABIN870660

anti-MTHFR antibody (AA 369-383)





Overview

Quantity:	100 μg
Target:	MTHFR
Binding Specificity:	AA 369-383
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MTHFR antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	MTHFR (aa369-383)
Immunogen:	Peptide with sequence C-SRPKSYIYRTQEWDE, from the internal region of the protein sequence according to NP_005948.3.
Sequence:	SRPKSYIYRT QEWDE
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

74.6 kDa according to Human NP_005948.3 and Mouse NP_034970.2). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Handling Advice: Minimize freezing and thawing. Storage: -20 °C	rarget Betane	
Background: MTHFR, methylenetetrahydrofolate reductase (NAD(P)H), 5,10-methylenetetrahydrofolate reductase (NAD(P)H), 0,TTHUMP0000002367, 0TTHUMP00000002373, methylenetetrahydrofolate reductase Molecular Weight: 74.6kDa Gene ID: 4524, 17769, 362657 NCBI Accession: NP_005948 Pathways: Methionine Biosynthetic Process Application Details Application Notes: Western Biot: Approx 70 kDa band observed in lysates of cell line NIH3T3 (calculated MW of 74.6 kDa according to Human NP_005948.3 and Mouse NP_034970.2). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:8000. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL. Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Handling Advice: Minimize freezing and thawing. Storage: -20 °C Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigered.	Target:	MTHFR
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250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa

Western Blotting

Image 1. ABIN870660 (0.3 μ g/ml) staining of NIH3T3 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.